Index of Claims

| Applica | tion/Contro | ol No. |
|---------|-------------|--------|

10/811,204

Applicant(s)/Patent under Reexamination

CHAPMAN ET AL.

Art Unit

Examiner
Ben Lewis

1745

√ Rejected
= Allowed

(Through numeral)
Cancelled

Non-Elected

A Appeal

Restricted

I Interference

O Objected

| Cla | im | Date | | | | | | | | |
|-------------|----------------------------------|--------------|--------------|----------------|------------|--|--|--|--|-----------------|
| | | | | | | | - | | | \neg |
| <u></u> | Original | 8/24/07 | | | | | | | | . |
| Final | rig | /24 | | | | | | | | |
| | 0 | 8 | | | | | | | | |
| | 1 | 1 | | | | | | | | \dashv |
| | 2 | _ | _ | | | | | | | |
| | 3 + 5 | 1 | | | | | | | | П |
| | 4 | | | | | | | | | |
| | 5 | 1 | | | | | | | | |
| | 6- | | - | | | | | | | |
| | | | | | | | | | | Ш |
| | <u>8</u> 9 | | | | _ | | _ | | _ | |
| | 9 | 1 | | | <u> </u> | | | _ | | |
| | 10 | 7 | | _ | _ | | | | | |
| | 110 | | | ļ | | _ | _ | | | - |
| <u> </u> | 12 | | _ | _ | ₋ | <u> </u> | | \vdash | <u> </u> | \square |
| <u> </u> | 13 | | <u> </u> | | - | | | \vdash | <u> </u> | Н |
| <u> </u> | 14 | | _ | - | | - | <u> </u> | - | \vdash | \vdash |
| | 15 | E | - | \vdash | - | - | <u> </u> | - | | \vdash |
| | 16 17 | | | ⊢ | \vdash | H | | | \vdash | Н |
| ļ | 18- | | - | - | ₩ | ┢╌ | | - | | \vdash |
| \vdash | 19- | | \vdash | | i | | | | ┢ | Н |
| | 19- | | \vdash | | ┢ | | _ | - | \vdash | \vdash |
| | 21 | | | | | | | | Г | П |
| | ~22~ | - | \vdash | | T | | | | Г | П |
| | 21 22 23 24 25 26 | | | | | | | | | |
| | 24 | | | | | | | | | |
| | 25 | | | _ | Ļ | <u> </u> | L | | | Ш |
| <u> </u> | 26 | <u> </u> | <u> </u> | _ | | _ | | _ | _ | <u> </u> |
| | 27 28 | ļ | ļ | | <u> </u> | <u> </u> | _ | ļ | _ | Ш |
| <u> </u> | 28 | <u> </u> | <u> </u> | - | ⊢ | | | | | Н |
| <u> </u> | 29 | <u> </u> | ⊢ | | - | _ | | | | Н |
| ┝ | 30 31 32 | | - | | ┢ | \vdash | | ├ | _ | Н |
| <u> </u> | 32 | ┢ | - | - | ╁ | - | | \vdash | | \vdash |
| | 33 | | | | ├─ | | | | - | - |
| | 34 | | | 一 | \vdash | | | | - | |
| | 34 35 | | _ | Г | \vdash | t | Г | T | \vdash | \vdash |
| | 36 | Г | | Г | П | | | | | |
| | 36 37 38 | | | | | | | | | |
| | 38 | | | | | | | | | |
| | 39 | | \Box | | | | L | | | |
| L | 40 | <u>L</u> | <u> </u> | _ | ļ | _ | L | <u> </u> | | Ш |
| <u></u> | 41 | | _ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | Щ |
| <u> </u> | 42 | ├ | _ | ⊨ | ļ | | <u> </u> | | | |
| <u> </u> | 43 | ₩ | \vdash | \vdash | \vdash | \vdash | ⊢ | \vdash | ⊢ | |
| <u></u> | 44 | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | - | $\vdash\vdash$ |
| <u> </u> | 45 46 | \vdash | | - | +- | - | - | - | - | H |
| | 47 | ├ | - | \vdash | + | 1 | | \vdash | \vdash | $\vdash \vdash$ |
| \vdash | 48 | \vdash | \vdash | - | ╁ | ╁ | | \vdash | | \vdash |
| | 49 | † | H | ┢ | t | t | | | | \vdash |
| — | 50 | t | \vdash | \vdash | t | \vdash | | | _ | H |
| | | | _ | , | ٠ | | ٠ | ь | | ш |

| Cla | im | Date | | | | | | | | |
|----------|----------------------|--|--|--|--|--|----------|--|---------------|----------|
| Final | Original | | | | | | | | | |
| | 51 | | | | _ | | | | | |
| | 52 | | _ | | _ | | | | | _ |
| | 53 | | | | | | | | - | |
| | 51 52 53 54 | <u> </u> | | | | | | | | |
| | 55 | | | | | | | | | |
| | 56 | Г | | Π | Г | | | | | |
| | 57 | | | | | | | | | |
| | 58 59 | | | | | | | | | |
| | 59 | | | | | | | | | - |
| | 60 | | | L | | | | | | |
| | 61 | | | | | | | | | _ |
| | 62 63 | <u> </u> | | | | _ | | | | _ |
| | 63 | _ | Ш | | <u> </u> | | | | | |
| | 64 65 | | | _ | <u> </u> | | _ | | | _ |
| ļ | 65 | _ | _ | _ | _ | | <u> </u> | | | |
| ļ | 66 | ļ | _ | ╙ | L | | _ | | | |
| <u> </u> | 67 | | | <u> </u> | L | _ | | | | |
| ļ | 68 | | | <u> </u> | | | _ | _ | _ | _ |
| - | 69 | | | ļ | _ | <u> </u> | _ | _ | | _ |
| | 70 | _ | | | | | _ | | | _ |
| | 71 | ļ | <u> </u> | ļ | <u> </u> | _ | <u> </u> | | | |
| | 72 | <u> </u> | - | ļ | _ | | <u> </u> | | _ | _ |
| | 72 73 74 | | | <u> </u> | <u> </u> | | <u> </u> | | <u> </u> | |
| | 74 | ┝ | ⊢ | ┝ | ┝ | - | <u> </u> | - | _ | _ |
| \vdash | 75 76 | ├ | ┢ | ├ | ├ ┈ | | - | | ┝ | |
| - | 77 | \vdash | ⊢ | \vdash | ├ | \vdash | - | | | - |
| | 78 | ├ | | ╁╾ | ├ | | | <u> </u> | \vdash | ┢ |
| | 78 79 | - | ┢╌ | ├ | ├ | ⊢ | | \vdash | ┝ | \vdash |
| | 80 | \vdash | \vdash | \vdash | \vdash | 1 | | \vdash | ├─ | ┝ |
| | 81 | - | | ╁╌ | \vdash | ├ | - | ┢ | ┢ | - |
| | 82 | | | ┼ | - | | - | ┢ | \vdash | _ |
| | 83 | ┢ | ┢ | \vdash | | | ┢ | - | - | |
| <u> </u> | 84 | † | | 1 | T | | | \vdash | | |
| | 84 85 | T | \vdash | T | T | T | Ι | | | T |
| | 86 | | | | Ī | | T | | | |
| | 87 | | T | İ | | | | | | |
| | 88 | | | | | | | | | Г |
| | 89 | Г | | | | | Γ | | | Г |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | 匚 | | 匚 | | | | | Ĺ |
| | 94 | | | | \Box | | | \Box | L | Ĺ |
| | 95 | <u> </u> | <u> </u> | 1 | <u> </u> | | | _ | | L |
| | 96 | <u> </u> | \perp | 1 | _ | _ | | | <u> </u> | L |
| <u> </u> | 97 | L | <u> </u> | | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | | <u> </u> | _ | L |
| <u> </u> | 98 | _ | _ | 1 | _ | _ | _ | <u> </u> | <u> </u> | L |
| | 99 | <u> </u> | ļ | L | _ | <u> </u> | <u> </u> | <u> </u> | | L |
| | 100 | <u> </u> | | 1 | <u></u> | <u></u> | <u> </u> | Ц_ | | L_ |

| Cla | aim | Date | | | | | | | | |
|--|--|--|----------|--|---|--------------------|--------------|----------|--|-----------|
| | | | | | | | | | | \neg |
| Final | Original | | | | | | | | | |
| | 101 | | | | | \exists | | | - | |
| | 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| | 102 103 104 105 106 107 | | | | _ | | | | | _ |
| | 107 | - | _ | | _ | | _ | | | Ш |
| | 108 | | | - | _ | | | | | - |
| <u> </u> | 109 | | - | _ | | | | | | \dashv |
| | 110 111 | \dashv | - | - | | - | | | | \dashv |
| | 112 | Н | - | - | - | \vdash | _ | - | _ | - |
| _ | 113 | | - | | | - | | _ | | |
| _ | 114 | Н | | | _ | \vdash | | _ | _ | |
| | 113 114 115 | Н | _ | | | | | | | |
| | 116 | | | | | | | | | \neg |
| | 116 117 | | | | | | | | | |
| | 118 | | | | | | | | | |
| | 119 120 | | | | | | | | | |
| | 120 | | | | | | | | | |
| | 121 122 123 | | | | | | | | _ | |
| | 122 | | | | | | _ | | | \square |
| ļ | 123 | | | | | | _ | | _ | |
| <u> </u> | 124 | _ | | Щ | _ | | _ | _ | <u> </u> | \dashv |
| | 124 125 126 | | | | | | _ | | ⊢ | - |
| | 127 | \vdash | _ | | | | | | | |
| | 127 128 129 | | | | | | | _ | ┢─ | Н |
| | 129 | | | | | | _ | | | П |
| | 130 | 一 | - | | | | | | | |
| | 130 131 | | | | | | | | | П |
| | 132 | | | | | | | | | |
| | 133 134 | | | | | | | | | |
| | 134 | | | | | | | | | |
| <u> </u> | 135 | | | | | $oxedsymbol{oxed}$ | | | L | Ш |
| | 136 | L | | | | <u> </u> | L | | _ | |
| | 137 | ļ | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | _ | <u> </u> | Щ |
| <u> </u> | 138 139 | | | \vdash | | ├ | _ | <u> </u> | \vdash | Н |
| | 139 | - | | \vdash | _ | <u> </u> | | _ | ⊢ | |
| - | 141 | 1 | | \vdash | _ | | | \vdash | \vdash | \vdash |
| | 141 | - | | - | _ | | | - | - | \vdash |
| <u> </u> | 143 | \vdash | \vdash | - | _ | \vdash | \vdash | | ┢ | Н |
| | 144 | | \vdash | | | | \vdash | \vdash | \vdash | - |
| | 145 | | 一 | | | | | <u> </u> | | \vdash |
| | 146 | | | \vdash | | İ | | | | П |
| | 147 | | | | | | | | | П |
| | 148 | L | | | | | | | | |
| | 149 | | | | | | | | | |
| | 150 | | | | | | | | | |